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UNITED STATES DEPARTMENT OF AGRICULTURE
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UNITED STATES MANUFACTURERS AND SUPPLIERS OF EQUIPMENT FOR PROCESSING COTTONSEED AND PEANUTS INTO OILS, MEALS AND BY-PRODUCTS

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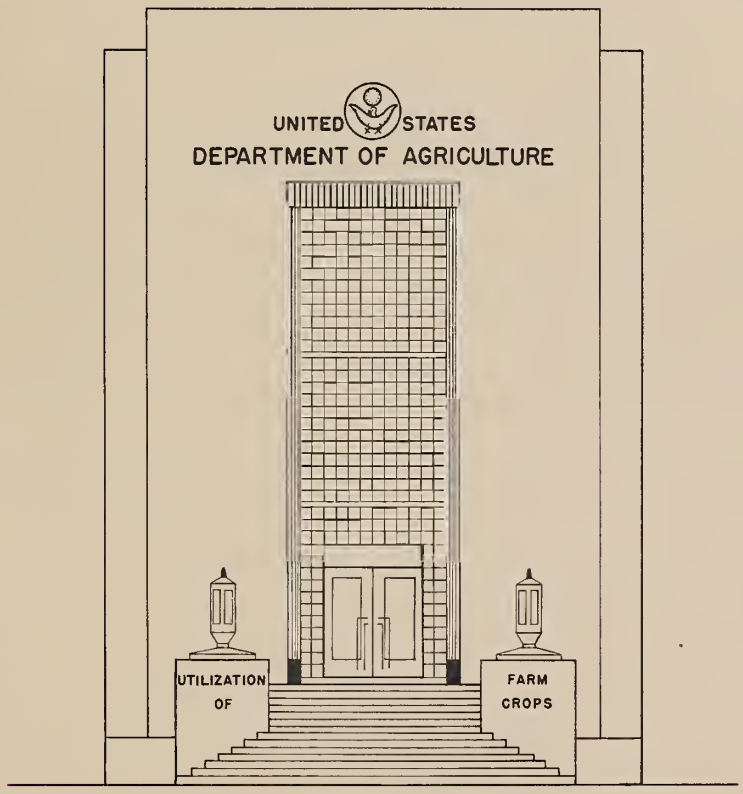

By

E. L. D'Aquin, L. J. Molaison, and H. K. Gardner

SOUTHERN REGIONAL RESEARCH LABORATORY
NEW ORLEANS, LOUISIANA

REVISED, MAY 1954

UNITED STATES MANUFACTURERS AND SUPPLIERS OF EQUIPMENT FOR PROCESSING COTTONSEED AND PEANUTS INTO OILS, MEALS, AND BY-PRODUCTS

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The list of manufacturers and suppliers (pages 2-7) includes most of the companies serving this particular field. The products of these firms are also of general adaptability to the processing of many other oilseeds. These names are furnished for convenience and general information. No guarantee of completeness is implied and no discrimination is intended. The products of these manufacturers are not recommended over those of other manufacturers. For convenience, a cross listing under different classifications (pages 8-10) is included.

Additional information may be obtained by referring to the following catalogs or publications, copies of which are generally available at Engineering Society or University Libraries or can be obtained from the publishers:

Thomas' Register of American Manufacturers, Thomas Publishing Company, 461 Eighth Avenue, New York 1, New York

The International Green Book, The Cotton Gin and Oil Mill Press, Dallas, Texas

Consolidated Grain Milling Catalog, National Miller Publications, 330 South Wells Street, Chicago 6, Illinois

Chemical Engineering Catalog, Reinhold Publishing Corporation, 330 West Forty-Second Street, New York 36, New York

Sweet's File, Sweet's Catalog Service, 119 West Fortieth Street, New York 18, New York

The A. S. M. E. Mechanical Catalog and Directory, The American Society of Mechanical Engineers, 29 West Thirty-Ninth Street, New York 18, New York

Blue Book and Catalog Edition of Soap and Sanitary Chemicals, MacNair Darland Company, 254 West Thirty-First Street, New York, New York.

The Soybean Blue Book, American Soybean Association, Hudson, Iowa.

Chemical Week, Buyers Guide Issue, McGraw-Hill Publishing Company, 330 West Forty-Second Street, New York 36, New York

ALPHABETICAL LIST OF MANUFACTURERS

A-1 Acme Coppersmithing and Machine Company, P. O. Box 82, Oreland, Pennsylvania
A-2 Acme Industrial Equipment Corporation, 13 Amory Street, Boston, Massachusetts
A-3 Air Products, Incorporated, Box 538, Allentown, Pennsylvania
A-4 Aldon, Verne E., Company, 33 North LaSalle Street, Chicago 2, Illinois
A-5 Allis-Chalmers Manufacturing Company, 864 South 70th Street, Milwaukee 1, Wisconsin
A-6 American Copper and Brass Works, 610 East Front Street, Cincinnati 2, Ohio
A-7 American Metal Products Company, P. O. Box 7037, Sylvania Station, Fort Worth, Texas
A-8 American Mineral Spirits Company, 230 North Michigan Avenue, Chicago 1, Illinois
A-9 American Norit Company, Incorporated, 216 Pearl Street, New York 28, New York
A-10 Anderson, V. D., Company, 1935 West 96th Street, Cleveland, Ohio
A-11 Anglo American Mill Sales Company, Incorporated, Owensboro, Kentucky
A-12 Ansonia Copper and Iron Works, Incorporated, 621 Evans Street, Cincinnati 4, Ohio
A-13 Artisan Metal Products, Incorporated, 73 Pond Street, Waltham (Boston 54), Massachusetts
A-14 Atlanta Utility Works, Washington Street, East Point, Georgia
A-15 Atlas Powder Company, Darco Department, 60 East 42nd Street, New York 17, New York

B-1 Badger Manufacturing Company, 260 Bent Street, Cambridge, Mass.
B-2 Bartlett, C. O., and Snow Company, 6400 Harvard Avenue, Cleveland 5, Ohio
B-3 Bauer Brothers Company, The, 1717 Sheridan Avenue, Springfield, Ohio
B-4 Bolton Bagging Company, Bolton, South Carolina
B-5 Bonnett-Clark Company, Incorporated, Nacogdoches, Texas
B-6 Bird Machine Company, Rucadue Road, South Walpole, Massachusetts
B-7 Blaw-Knox Construction Company, Chemical Plants Division, Box 778, Pittsburgh 30, Pennsylvania
B-8 Boardman Company, The, Oklahoma City, Oklahoma
B-9 Braden Steel Corporation, 1007 East Admiral Boulevard, P. O. Box 1229, Tulsa 1, Oklahoma
B-10 Briggs-Weaver Machinery Company, 5000 Hines Boulevard, P. O. Box 5609, Dallas, Texas
B-11 Brown, R. J., Company, 1418 Wittenberg Avenue, St. Louis 10, Missouri
B-12 Buckeye Iron and Brass Works, P. O. Box 883, Dayton 1, Ohio
B-13 Buflovak Equipment Division of Blaw-Knox, 1575 Fillmore Avenue, Buffalo 11, New York
B-14 Burns, Jabez and Sons, Incorporated, 602 West 43rd Street, New York 18, New York

B-15 Butler Manufacturing Company, 7400 East Thirteenth Street, Kansas City 3, Missouri
B-16 Butters Manufacturing Company, P. O. Box 1047, Atlanta 1, Georgia

C-1 California Pellet Mill Company, 1800 Folsom Street, San Francisco, California
C-2 Carbide and Carbon Chemicals Corporation, 30 East 42nd Street, New York 17, New York
C-3 Carter, D. M., Manufacturing Company, P. O. Box 108, Blakely, Georgia
C-4 Carver Cotton Gin Company, Division of the Murray Company of Texas, Incorporated, 15 Whitman Street, East Bridgewater, Massachusetts
C-5 Carver, Fred S., One Chatam Road, Summit, New Jersey
C-6 Chandler Construction Company, 300 North Central Street, East Bridgewater, Massachusetts
C-7 Chicago Bridge and Iron Company, 2143 McCormick Building, Chicago 4, Illinois
C-8 Christian, J. D., Engineers, 480 Potrero Avenue, San Francisco 10, California
C-9 Cole, R. D., Manufacturing Company, Cole Building, Newnan, Georgia
C-10 Colonial Iron Works Company, The, Cleveland 10, Ohio
C-11 Columbian Steel Tank Company, P. O. Box 4048-V, Kansas City, Missouri
C-12 Continental Gin Company, 4500 Fifth Avenue, S., Birmingham 2, Alabama
C-13 Crown Iron Works Company, 1267 Tyler Street, N.E., Minneapolis 13, Minnesota

D-1 Davidson-Kennedy Company, 1090 Jefferson Street, N.W., P. O. Box 97, Station D, Atlanta, Georgia
D-2 DeLaval Separator Company, Poughkeepsie, New York
D-3 Detrex Corporation, P. O. Box 501, Roosevelt Park Annex, Detroit 32, Michigan
D-4 Dicalite Company, The, 520 North Michigan Avenue, Chicago 11, Illinois
D-5 Dings Magnetic Separator, 4740 West Electric Avenue, Milwaukee 46, Wisconsin
D-6 Drew, E. F., and Company, Incorporated, Boonton, New Jersey
D-7 Duplex Mill and Manufacturing Company, Springfield, Ohio
D-8 Dupps, John J., Company, Germantown, Ohio

E-1 Eclipse Fuel Engineering Company, 705 South Main Street, Rockford, Illinois
E-2 Electric Heating Equipment Company, 32nd and Ludlow Streets, Philadelphia 4, Pennsylvania
E-3 Elliot Company, 900 North Fourth Street, Jeannette, Pennsylvania
E-4 Emery Industries, Incorporated, 4219 Carew Tower, Cincinnati 2, Ohio

E-5 Enterprise Engine and Machinery Company, 18th and Florida Streets, San Francisco 10, California
E-6 Erie Manufacturing Company, 7 East 12th Street, Erie, Pennsylvania

F-1 Filtrol Corporation, 727 West Seventh Street, Los Angeles 17, California
F-2 Food Machinery Corporation (Sprague Sells Division), 101 East Maple Street, Hoopston, Illinois
F-3 Fort Worth Steel and Machinery Company, 3600 McCart Street, Fort Worth, Texas
F-4 Foster Wheeler Corporation, 165 Broadway, New York 1, New York
F-5 French Oil Mill Machinery Company, Piqua, Ohio
F-6 Fuller Company, P. O. Box 401, Catasuqua, Pennsylvania

G-1 General American Transportation Corporation, 135 South LaSalle Street, Chicago 90, Illinois
G-2 Gilman Paint and Varnish Company, Chattanooga, Tennessee
G-3 Girdler Corporation, The, East Broadway, Louisville 1, Kentucky
G-4 Great Western Manufacturing Company, 1937 Baker Street, Leavenworth, Kansas
G-5 Gruendler Crusher and Pulverizer Company, 2900 North Market Street, St. Louis 6, Missouri
G-6 Gump, B. F., Company, 1329 South Cicero Avenue, Chicago 50, Illinois

H-1 Harshaw Chemical Company, The, 1933 East 97th Street, Cleveland 6, Ohio
H-2 Hart, John J., Company, 284 Techwood Drive, N.W., Atlanta, Georgia
H-3 Helm Manufacturing Company, Incorporated, 2550 Northeast 28th Street, Fort Worth 6, Texas
H-4 Hicks, S. D., and Son Company, 1669 Hyde Park Avenue (Hyde Park), Boston, Massachusetts
H-5 Hooper, Wm. E., and Sons Company, 1319 Cherry, Philadelphia, Pennsylvania
H-6 Horix Manufacturing Company, Greenway Drive, Pittsburgh, Pennsylvania
H-7 Hubert Phelps Machinery Company, P. O. Box 1093, Little Rock, Arkansas
H-8 Huntley Manufacturing Company, Buckholtz Road, Brockton, New York

I-1 Industrial Chemical Sales, Division West Virginia Pulp and Paper Company, New York Central Building, 230 Park Avenue, New York 17, New York
I-2 Industrial Machinery Company, Incorporated, 2402 South Main Street, Fort Worth, Texas

J-1 Jeffrey Manufacturing Company, The, 924-99 North Fourth Street, Columbus 16, Ohio
J-2 Johns-Manville, 22 East 40th Street, New York 16, New York

K-1 Kellogg, M. W., Company, Jersey City, New Jersey
K-2 Kewanee Machinery and Conveyor Company, Kewanee, Illinois
K-3 Klein, J. B., Iron and Foundry Company, Oklahoma City, Oklahoma
K-4 Koven, L. O., and Brother, Incorporated, 154 Ogden Avenue, Jersey City 7, New Jersey

L-1 Leader Iron Works, Incorporated, 2110 North Jasper Street, Decatur, Illinois
L-2 Lee, Alan Porter, Associates, Box 245, Morristown, New Jersey
L-3 Link-Belt Company, 307 North Michigan Avenue, Chicago 1, Illinois
L-4 Lukens Steel Company, Lukenweld Division, Coatesville, Pennsylvania
L-5 Lummus Company, 385 Madison Avenue, New York 17, New York
L-6 Lynch Package Machinery Corporation, 3620 Summit Street, Toledo 1, Ohio

M-1 Matthews Blow Pipe Company, Incorporated, 125 Keel Avenue, Memphis, Tennessee
M-2 Medley Manufacturing Company, Ltd., 3200 Fourth Avenue, Columbus, Georgia
M-3 Meyer Machine Company, 3528 Fredericksburg Road, P. O. Box 5096, San Antonio 1, Texas
M-4 Moore, N. Hunt, 2065 Union Avenue, Memphis 4, Tennessee
M-5 Murray Company, The, of Texas, Incorporated, 3200 Canton Street, Dallas 1, Texas
M-6 Muskogee Iron Works, 100 Frankfurt, Muskogee, Oklahoma

N-1 National Acme Company, The, East 131st and Chapin Streets, Cleveland 8, Ohio
N-2 National Blow Pipe and Manufacturing Company, Limited, Claiborne and Poland Avenues, New Orleans, Louisiana
N-3 Neff and Fry Company, The, 150 Thomas Street, Camden, Ohio
N-4 Neumunz, M., and Son, Incorporated, 90 West Street, New York 6, New York
N-5 Niagara Filter Corporation, 3087 Main Street, Buffalo 14, New York

O-1 Oliver United Filters, Incorporated, 31 West 42nd Street, New York 18, New York
O-2 Oriental Textile Mills, Houston, Texas

P-1 Patterson Foundry and Machine Company, The, 41 Helene Street, East Liverpool, Ohio
P-2 Phelps Manufacturing Company, 713 Thomas, Little Rock, Arkansas

P-3 Philadelphia Coppersmithing Company, Polar, Front, Brown Streets, Philadelphia, Pennsylvania
P-4 Phillips Petroleum Company, Bartlesville, Oklahoma
P-5 Pidgeon-Thomas Iron Company, E. H. Crump Boulevard at South Main Street, Memphis 2, Tennessee
P-6 Pneumatic Scale Corporation, Ltd., Quincy 71, Massachusetts
P-7 Prater Pulverizer Company, 1529 South 55th Court, Chicago 50, Illinois

R-1 Rees Blow Pipe Manufacturing Company, 340 Seventh Street, San Francisco,3, California
R-2 Riechman-Crosby Company, Front Street at Beale Avenue, Memphis, Tennessee
R-3 Rietz Manufacturing Company, 150 Todd Road, Santa Rosa, California
R-4 Rodney Hunt Machine Company, 28 Vale Street, Orange, Massachusetts
R-5 Rust Engineering Company, The, 575-577 Sixth Avenue, Pittsburgh 19, Pennsylvania

S-1 Scott, Ernest and Company, P. O. Box 82, Fall River, Massachusetts
S-2 Screw Conveyor Corporation, 704 Hoffman Street, Hammond, Indiana
S-3 Seymour Manufacturing Company, The, 500 Franklin Street, Seymour, Connecticut
S-4 Shanzer, H. M., Company, 85 Bluxome Street, San Francisco, California
S-5 Sharples Corporation, The, 23rd and Westmoreland Streets, Philadelphia 40, Pennsylvania
S-6 Shell Oil Company, Incorporated, 50 West 50th Street, New York 20, New York
S-7 Shriver, T., and Company, Incorporated, 876 Hamilton Street, Harrison, New Jersey
S-8 Sieck and Drucker, Incorporated, 9 South Clinton Street, Chicago 6, Illinois
S-9 Sierra Talc and Clay Company, 5509 Randolph Street, Los Angeles 22, California
S-10 Skelly Oil Company, Tulsa, Oklahoma
S-11 Southern Boiler and Tank Works, P. O. Box 843, Memphis, Tennessee
S-12 Southern Press Cloth Manufacturing Company, Augusta, Georgia
S-13 Southwestern Supply and Machine Works, 6 Southeast Fourth Street, P. O. Box 1217, Oklahoma City, Oklahoma
S-14 Sperry, D. R., and Company, Batavia, Illinois
S-15 Sprout, Waldron and Company, Incorporated, 16-24 Waldron Street, Muncy, Pennsylvania
S-16 Stearns Magnetic Manufacturing Company, 618 South 28th Street, Milwaukee 46, Wisconsin
S-17 Stokes, F. J., Machine Company, Tabor Road, Philadelphia 20, Pennsylvania
S-18 Struthers-Wells Corporation, Warren, Pennsylvania
S-19 Sturtevant Mill Company, 2 Harrison Square, Boston 22, Massachusetts
S-20 Sumner Company, Columbia, South Carolina
S-21 Sutobilt Corporation, 2008 East Slauson Avenue, Los Angeles 58, California

S-22 Sutton, Steele and Steele, Incorporated, Sutton Steele Building, Dallas 1C, Texas
S-23 Swenson Evaporator Company, 15649 Lathrop Avenue, Harvey, Illinois

T-1 Tipps Engineering and Supply Company, P. O. Box 213, Memphis, Tennessee

V-1 Valley Foundry and Machine Works, Fresno 17, California
V-2 Vulcan Copper and Supply Company, Sycamore and Yeatman Streets, Cincinnati, Ohio
V-3 Vulcan Iron Works, Memphis, Tennessee

W-1 Well Machinery and Supply Company, Incorporated, 1629 Main Street, Fort Worth 1, Texas
W-2 Western Precipitation Corporation, 1062 West Ninth Street, Los Angeles 15, California
W-3 Williams Patent Crusher and Pulverizer Company, The, 2705 North Broadway, St. Louis 6, Missouri
W-4 Williamson, John W., and Sons, Incorporated, 1545 South Greenwood Avenue, Montebello, California
W-5 Wood, A. A., and Sons Company, 440 Magnolia Street, Atlanta 1, Georgia
W-6 Wurster and Sanger, Incorporated, 5201 South Kenwood Avenue, Chicago, 15, Illinois

CLASSIFIED LIST

PREPARATION EQUIPMENT, COTTONSEED AND PEANUTS

STORAGE

Seed houses, silos: B-9, B-15, C-7, C-9, C-11, K-3, M-6, N-3, P-5, R-5, S-11, T-1

Seed cooling and ventilating systems: A-7, F-3, N-2, T-1

CONVEYING

Mechanical: A-5, A-7, A-9, C-12, F-3, G-4, I-2, K-2, L-3, R-1, R-2, S-2, S-4, S-13, S-15, T-1, W-1

Pneumatic: A-7, B-8, F-3, F-6, H-3, H-7, I-2, K-1, N-2, P-2, R-2, S-4, S-15, S-21, T-1

CLEANING

Mechanical, pneumatic, and mechanical-pneumatic: A-14, B-3, B-8, B-13, C-3, C-4, D-1, H-8, L-3, M-2, S-15, S-22

Stoners (Peanuts): A-14, B-3, H-8, S-22

Magnetic Separators: A-5, B-3, D-5, D-6, E-6, G-4, G-5, S-16

DELINTING

Linters: C-4, C-12, F-3, M-5

Linter saw-sharpening machines: B-15, C-4, F-3, M-5

Lint and mote cleaners: A-14, C-4, F-3, M-5

Lint flue systems and bailers: A-7, C-4, C-12, F-3, M-5, N-2, R-1

HULLING

Cottonseed: A-9, A-14, B-3, C-4, C-6, D-1, M-5

Peanuts: B-3, C-4, C-6, H-8, M-2

SEPARATION

Mechanical and mechanical-pneumatic: A-7, A-9, A-14, B-3, C-3, C-4, F-3, H-8, M-5, S-22

PNEUMATIC LINT AND DUST REMOVAL SYSTEMS: F-3, N-2

CRACKING AND FLAKING: A-5, A-9, B-7, B-12, D-1, E-5, F-5, P-6, S-15

PREPARATION EQUIPMENT, COTTONSEED AND PEANUTS (Continued)

COOKING, CONDITIONING

Atmospheric (standard pressure): A-9, B-12, D-1, F-5, V-3

MECHANICAL SCREW PRESSING

Presses and tempering equipment: A-10, D-1, F-5

HYDRAULIC PRESSING

Presses, hydraulic pumps, cake-formers, cake trimmers, cloth strippers: B-4, B-10, B-12, C-5, D-1, F-3, F-5

Press cloths: B-4, O-2, S-12, S-20

Pelleting: C-1, H-3, S-15

SOLVENT EXTRACTION

Continuous countercurrent installations: A-1, A-4, A-5, A-8, A-10, B-7, C-10, C-13, D-3, F-5, L-4, M-4, R-4, S-5, S-8, S-18, V-2, W-6

Other installations: A-1, A-2, A-13, B-1, B-2, B-6, B-13, C-2, C-6, C-7, C-10, C-13, D-1, D-8, H-4, K-4, L-1, L-2, L-5, O-1, P-3, S-1, S-5, S-17, S-18, S-23, W-2, W-6

SOLVENTS (Commercial Normal Hexane): A-8, B-11, P-4, S-6, S-10

MEAL GRINDERS, CAKE BREAKERS: A-5, A-7, A-9, B-3, D-7, E-5, F-3, G-5, H-3, J-1, P-1, P-6, P-7, R-4, S-15, S-19, W-3

FEED MIXING: D-7, F-3, G-4, G-6, S-15, W-4

OIL MILL SUPPLIES, MISCELLANEOUS: B-6, B-10, C-6, C-8, F-3, M-3, R-2, R-3, V-3, W-1

OIL PROCESSING, COTTONSEED AND PEANUTS

COMPLETE REFINERY INSTALLATIONS: D-2, N-4, S-8, W-6

REFINING

Batch:

Kettles, tanks, etc., for alkali refining, washing, vacuum drying: C-10, L-2, S-5, S-8, W-6

OIL PROCESSING, COTTONSEED AND PEANUTS (Continued)

Continuous:

Alkali refining, centrifugal separation, washing, vacuum drying: D-2, L-2, N-1, S-5, S-8, W-6

Solvent refining: K-1

BLEACHING AND CLARIFICATION

Batch installations (atmospheric): G-3, L-2, S-8, W-6

Batch installations (vacuum): G-3, S-8, W-6

Continuous installations: G-3

Filter processes: C-3, N-5, O-1, S-7, S-14, V-1

Bleaching agent, filter aids, etc.: A-9, A-15, B-5, D-4, F-1, H-5, I-1, J-2, S-9

HYDROGENATION

Catalyst preparation and recovery: C-4, D-6, H-1, S-3, S-8, W-6

Hydrogenators: B-7, C-10, F-4, L-2 P-1, S-8, S-18, W-6

Hydrogen storage tanks: G-1, G-3, S-8, W-6

Hydrogen manufacture: A-3, E-2, G-3, S-8, W-6

WINTERIZATION

Batch crystallization (standard procedure): L-2, S-8, W-6

Continuous solvent crystallization (under development): F-4, G-3

Continuous solvent fractionation: K-1

DEODORIZATION

Batch installations: C-6, C-10, F-4, H-4, L-2, P-1, S-8, S-18, W-6

Continuous installations: C-10, E-3, F-4, G-3, S-8, S-18, W-6

Heating systems, high boiling liquids: B-7, E-1, F-4, S-18

SHORTENING, COMPOUND PREPARATION

Chilling and plasticizing: B-7, G-3, S-8, W-6

Filling and packaging: F-2, H-6, L-6, P-6

OIL PROCESSING, COTTONSEED AND PEANUTS (Continued)

BY-PRODUCTS

Fatty acids:

Soapstock acidulation, hydrolysis, distillation: A-1, A-11, B-1, B-7, C-10, D-6, E-4, F-4, H-2, H-3, K-1, L-2, P-1, S-18, W-6

Solvent fractionation and purification: K-1

Solvent crystallization: B-1, B-7, E-4

Glycerine (refining, distillation, etc.): A-6, A-11, A-12, B-1, B-7, F-4, H-4, L-1, L-2, S-18, S-23, W-6